1)

1644 *1600*

CRF Errors Corrected by the STIC Systems Branch

Serial Number: ___09/902,634A___ **ENTERED**

CRF Processing Dat : _2/11/2002_
Edited by: _____
Verified by: ___/a___ (STIC staff)

#5

- [ ] Changed a file from non-ASCII to ASCII

- [ ] Changed the margins in cases where the sequence text was "wrapped" down to the next line.

- [ ] Edited a format error in the Current Application Data section, specifically:
_____

- [ ] Edited the Current Application Data section with the actual current number. The number inputted by the applicant was [ ] the prior application data; or [ ] other _____.

- [ ] Added the mandatory heading and subheadings for "Current Application Data".

- [ ] Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- [ ] Changed the spelling of a mandatory field (the headings or subheadings), specifically:

- [ ] Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
_____

- [x] Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _173_
_____

- [ ] Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- [ ] Inserted colons after headings/subheadings. Headings edited included: _,_
_____

- [ ] Deleted extra, invalid, headings used by an applicant, specifically:
_____

- [ ] Deleted: [ ] non-ASCII "garbage" at the beginning/end of files; [ ] secretary initials/filename at end of file; [ ] page numbers throughout text; [ ] other invalid text, such as_____ .

- [ ] Inserted mandatory headings, specifically: _____

- [ ] Corrected an obvious error in the response, specifically:
_____

- [ ] Edited identifiers where upper case is used but lower case is required, or vice versa.

- [ ] Corrected an error in the Number of Sequences field, specifically:
_____

- [ ] A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- [ ] Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- [ ] Other:
_____
_____
_____

*Examiner: Th above corrections must be communicated to the applicant in th first Office Action. DO NOT s nd a copy of this form.

3/1/95

1645

RAW SEQUENCE LISTING   DATE: 02/11/2002
PATENT APPLICATION: US/09/902,634A   TIME: 08:11:10

Input Set : N:\Crf3\02042002\I902634A.raw
Output Set: N:\CRF3\02112002\I902634A.raw

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 1 <110> APPLICANT: Genentech, Inc.
 2        Ashkenazi, Avi
 3        Botstein, David
 4        Desnoyers, Luc
 5        Eaton, Dan L.
 6        Ferrara, Napoleone
 7        Filvaroff, Ellen
 8        Fong, Sherman
 9        Gao, Wei-Qiang
10        Gerber, Hanspeter
11        Gerritsen, Mary E.
12        Goddard, A.
13        Godowski, Paul J.
14        Grimaldi, Christopher J.
15        Gurney, Austin L.
16        Hillan, Kenneth, J.
17        Kljavin, Ivar J.
18        Mather, Jennie P.
19        Pan, James
20        Paoni, Nicholas F.
21        Roy, Margaret Ann
22        Stewart, Timothy A.
23        Tumas, Daniel
24        Williams, P. Mickey
25        Wood, William, I.
26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
27        Acids Encoding the Same
28 <130> FILE REFERENCE: 10466-14
29 <140> CURRENT APPLICATION NUMBER: US/09/902,634A
30 <141> CURRENT FILING DATE: 2001-07-10
31 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
32 <151> PRIOR FILING DATE: 2000-02-22
33 <150> PRIOR APPLICATION NUMBER: US 60/143,048
34 <151> PRIOR FILING DATE: 1999-07-07
35 <150> PRIOR APPLICATION NUMBER: US 60/145,698
36 <151> PRIOR FILING DATE: 1999-07-26
37 <150> PRIOR APPLICATION NUMBER: US 60/146,222
38 <151> PRIOR FILING DATE: 1999-07-28
39 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
40 <151> PRIOR FILING DATE: 1999-09-08
41 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
42 <151> PRIOR FILING DATE: 1999-09-13
43 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
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C--> 29 **<140> CURRENT APPLICATION NUMBER: US/09/902,634A**

RAW SEQUENCE LISTING   DATE: 02/11/2002
PATENT APPLICATION: US/09/902,634A   TIME: 08:11:10

Input Set : **N:\Crf3\02042002\I902634A.raw**
Output Set: **N:\CRF3\02112002\I902634A.raw**

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45 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547
46 <151> PRIOR FILING DATE: 1999-09-15
47 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
48 <151> PRIOR FILING DATE: 1999-10-05
49 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214
50 <151> PRIOR FILING DATE: 1999-11-29
51 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
52 <151> PRIOR FILING DATE: 1999-11-30
53 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
54 <151> PRIOR FILING DATE: 1999-12-02
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
56 <151> PRIOR FILING DATE: 1999-12-02
57 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
58 <151> PRIOR FILING DATE: 1999-12-16
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61 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
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74     cccgcagcgc tacccgccat gcgcctgccg cgccgggccg cgctggggct cctgccgctt 180
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76     cgggggctgg tggacaagtt taaccagggg atggtggaca ccgcaaagaa gaactttggc 300
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79     gaggcgcagg aggagcacct ggaggcctgg tggctgcagc tgaagagcga atatcctgac 480
80     ttattcgagt ggtttttgtgt gaagacactg aaagtgtgct gctctccagg aacctacggt 540
81     cccgactgtc tcgcatgcca gggcggatcc cagaggccct gcagcgggaa tggccactgc 600
82     agcggagatg ggagcagaca gggcgacggg tcctgccggt gccacatggg gtaccagggc 660
83     ccgctgtgca ctgactgcat ggacggctac ttcagctcgc tccggaacga gacccacagc 720
84     atctgcacag cctgtgacga gtcctgcaag acgtgctcgg gcctgaccaa cagagactgc 780
85     ggcgagtgtg aagtgggctg ggtgctggac gagggcgcct gtgtggatgt ggacgagtgt 840
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87     acgtgcgaag agtgtgactc cagctgtgtg ggctgcacag gggaaggccc aggaaactgt 960
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89     tcactagcag aaaaaacctg tgtgaggaaa aacgaaaact gctacaatac tccagggagc 1080
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97        gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca tcacaaattt 1560
98        cacaaataaa gcattttttt cactgcattc tagttgtggt ttgtccaaac tcatcaatgt 1620
99        atcttatcat gtctggatcg ggaattaatt cggcgcagca ccatggcctg aaataacctc 1680
100        tgaaagagga acttggttag gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg 1740
101        tcagttaggg tgtggaaagt ccccaggctc cccagcaggc agaagtatgc aagcatgcat 1800
102        ctcaattagt cagcaaccca gtttt                                       1825
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105 <211> LENGTH: 353
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107 <213> ORGANISM: Homo sapiens
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112                        20                  25                  30
113        Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
114                  35                  40                  45
115        Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
116           50                  55                  60
117        Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
118         65                  70                  75                  80
119        Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
120                        85                  90                  95
121        Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
122                        100                 105                 110
123        Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
124                  115                 120                 125
125        Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
126           130                 135                 140
127        Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
128        145                 150                 155                 160
129        Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
130                        165                 170                 175
131        Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
132                        180                 185                 190
133        His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
134                  195                 200                 205
135        Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
136           210                 215                 220
137        Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
138        225                 230                 235                 240
139        Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
140                        245                 250                 255
141        Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
142                        260                 265                 270
143        Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys
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144              275                280                285
145      Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr Cys Val Arg Lys
146          290                295                300
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148      305                310                315                320
149      Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
150              325                330                335
151      Glu Ala Thr Glu Gly Glu Ser Pro Thr Gln Leu Pro Ser Arg Glu Asp
152          340                345                350
153      Leu
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162      aacagccctg gctgagggag ctgcagcgca gcagagtatc tgacggcgcc aggttgcgta 180
163      ggtgcggcac gaggagtttt cccggcagcg aggaggtcct gagcagcatg gcccggagga 240
164      gcgccttccc tgccgccgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
165      gggcggaggc cgggccgccg caggaggaga gcctgtacct atggatcgat gctcaccagg 360
166      caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420
167      cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatcc 480
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171      atggggtggc agcatttgaa gtggatgtga ttgttatgaa ttctgaaggc aacaccattc 720
172      tccaaacacc tcaaaatgct atcttcttta aacatgtca acaagctgag tgcccaggcg 780
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179      gttcaaagcc tgtctgcgag cctggctgtg gtgcacatgg aacctgccat gaacccaaca 1200
180      aatgccaatg tcaagaaggt tggcatggaa gacactgcaa taaaaggtac gaagccagcc 1260
181      tcatacatgc cctgaggcca gcaggcgccc agctcaggca gcacacgcct tcacttaaaa 1320
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183      aaacgtttta agttacacca agttcatagc ctttgttaac ctttcatgtg ttgaatgttc 1440
184      aaataatgtt cattcacttt aagaatactg gcctgaattt tattagcttc attataaatc 1500
185      actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag catgatggta 1560
186      tagattttct tgtttcagtg ctttgggaca gatttatat tatgtcaatt gatcaggtta 1620
187      aaattttcag tgtgtagttg cagatattt tcaaaattac aatgcattta tggtgtctgg 1680
188      gggcagggga acatcagaaa ggttaaattg ggcaaaaatg cgtaagtcac aagaatttgg 1740
189      atggtgcagt taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
190      ttgttacatt tttaaaaatt gctcttaatt tttaaactct caatacaata tattttgacc 1860
191      ttaccattat tccagagatt cagtattaaa aaaaaaaaaa ttacactgtg gtagtggcat 1920
192      ttaaacaata taatatattc taaacacaat gaaatatggga atataatgta tgaactttt 1980
193      gcattggctt gaagcaatat aatatattgt aaacaaaaca cagctcttac ctaataaaca 2040
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RAW SEQUENCE LISTING   DATE: 02/11/2002
PATENT APPLICATION: US/09/902,634A TIME: 08:11:10

Input Set : **N:\Crf3\02042002\I902634A.raw**
Output Set: **N:\CRF3\02112002\I902634A.raw**

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195	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	gggcggccgc	gactctagag	tcgacctgca 2160
196	gaagcttggc	cgccatggcc	caacttgttt	attgcagctt	ataatg	2206

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198 <210> SEQ ID NO: 4
199 <211> LENGTH: 379
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 4
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204       1               5                  10                  15
205      Ile Leu Leu Cys Leu Leu Ala Leu Arg Ala Glu Ala Gly Pro Pro Gln
206                  20                  25                  30
207      Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
208                  35                  40                  45
209      Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
210              50                  55                  60
211      Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
212       65                  70                  75                  80
213      Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
214                  85                  90                  95
215      Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
216                  100                 105                 110
217      Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
218              115                 120                 125
219      His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
220              130                 135                 140
221      Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
222       145                 150                 155                 160
223      Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
224                  165                 170                 175
225      Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
226                  180                 185                 190
227      Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
228                  195                 200                 205
229      Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
230              210                 215                 220
231      Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
232       225                 230                 235                 240
233      Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
234                  245                 250                 255
235      Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
236                  260                 265                 270
237      Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
238                  275                 280                 285
239      Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
240              290                 295                 300
241      Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
242       305                 310                 315                 320
243      His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His
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Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY   DATE: 02/11/2002
PATENT APPLICATION: **US/09/902,634A**   TIME: 08:11:11

Input Set : **N:\Crf3\02042002\I902634A.raw**
Output Set: **N:\CRF3\02112002\I902634A.raw**

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L:29 M:270 C: Current Application Number differs, Wrong Format
L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:3206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:4238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:5176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
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